

ENGINE-DRIVEN GENERATOR

Abstract of the Disclosure

A power generator unit incorporates an engine and a generator driven by the engine. The generator incorporates a sound insulation cover that allows for efficient cooling of the various internal components. An engine crankcase cover mounts the generator close to the engine to promote a compact construction while allowing sufficient cooling of the engine, the generator, and a muffler. A fan draws in cooling air through one or more cooling air vents to cool a battery, an electronic control unit, the engine, the generator, and the muffler. The insulation cover provides quiet operation and efficient cooling of the power generator unit.